Editorial 1

Information Co-ordination for *Paraplegia* 2

The Locked-in Syndrome: A Review and Presentation of Two Chronic Cases 5
P. Dollfus, P. L. Milos, A. Chapuis, P. Real, M. Orenstein and J. W. Soutter

Experience with Spinal Cord Unit in Brasilia, Brazil 17
M. Masini, N. G. F. Neto and E. G. C. Neves

Cervical Spinal Injuries: A Follow-up of 332 Patients 25
H. Ersmark, N. Dalen and R. Kalen

Peroral Treatment with Ciprofloxacin of Patients with Spinal Cord Lesion and Bacteriuria Caused by Multiply Resistant Bacteria 41
S. S. Pedersen, S. Hørbov, F. Biering-Sørensen and N. Høiby

Reflex Sympathetic Dystrophy in Central Cord Syndrome: Case Report and Review of the Literature 48
P. A. Philip, M. Philip and T. N. Monga

Proximal Femurectomy for Decubitus Ulceration in the Spinal Cord Injury Patient 55
J. W. Peters and G. E. Johnson

Specialist Societies Connected with Paraplegia 62

Book Reviews 64

Meetings and Notices 68

Editorial
The Locked-in Syndrome and Related States 73
A. Ohry

Early Intermittent Self-catheterisation after Spinal Cord Injury 76
J. J. Wyndaele and N. De Taeye

Respiratory Function in Patients with Spinal Cord Injuries: Effects of Posture 81
C. F. Chen, I. N. Lien and M. C. Wu

Relationship Between Heart Rate and Oxygen Uptake in Thoracic Level Paraplegics 87
Z. H. Bar-On and A. V. Nene

Quality of Semen After Repeated Ejaculation Treatment in Spinal Cord Injury Men 96
A. Siösteen, L. Forssman, Y. Steen, L. Sullivan and I. Wickström

Epidemiology of Spinal Cord Lesions in Denmark 105
F. Biering-Sørensen, V. Pedersen and S. Clausen

Bone and Soft Tissue Injuries in Post-mortem Lumbar Spines 119
J. R. Taylor, L. T. Twomey and M. Corker

A Comparison of Past and Future Leisure Activity Participation Between Spinal Cord Injured and Non-disabled Persons 130
D. W. Kennedy and R. W. Smith

Late Asystole and High Cervical Spinal Cord Injury: Case Report 137
P. L. Silbert and M. J. E Davis

Book Reviews 141

Meetings and Notices 142

Editorial Announcement 145

Review Article
Pharmacotherapy for Urinary Bladder Dysfunction in Spinal Cord Injury Patients 146
J. J. Wyndaele

A New Device for the Care of Acute Spinal Injuries: The Russell Extrication Device (RED) 151
A. J. Cohen, R. G. Bosshard and J. D. Yeo

Spontaneous Intraperitoneal Vesical Rupture in Association with Neuropathic Bladder 158
H. S. Watson, D. J. Culkin, J. S. Wheeler Jr, J. Mata and D. Venable

Sexual and Marital Adjustment of World War II Spinal Cord Injured Veterans 164
V. Nikas, P. Fleischman and P. Burton

Follow-up Study on the Use of Leg Braces Issued to Spinal Cord Injury Patients 172
C. Hong, E. B. San Luis and S. Chung

Long Term Function Following the Central Cord Syndrome 178
M. J. Bridle, K. B. Lynch and C. M. Quesenberry

Long Term Prediction of Self-reported Problems Following Spinal Cord Injury 186
J. S. Krause and N. M. Crew

Vascular Reconstruction for Limb Salvage in the Spinal Cord Injured Patient 203
C. A. Stevick, R. J. Bloom, S. Wise and I. Perkash

Traumatic Spinal Cord Injury Followed by Cerebrospinal Fluid Complications 208
A. Ohry and G. Zeilig

Obituaries 212

Book Reviews 213

Meetings and Notices 215

The Various Types of Neurogenic Bladder Dysfunction: An Update of Current Therapeutic Concepts 217
H. Madersbacher

A New Building for the Oldest Spinal Cord Unit in the Netherlands 230
F. W. A. van Asbeck

Functional Neuromuscular Stimulation in 4 Patients with Complete Paraplegia 235
N. Hjeltnes and A. Lannem

Neurological Complications of Endemic Skeletal Fluorosis, with Special Emphasis on Radiculo-Myelopathy 244
R. T. Haimanot

Self-actualisation of Elite Wheelchair Athletes 252
C. Sherrill, L. Silliman, B. Gench and M. Hinson

Cisapride Stimulates Small Intestinal Motility and Relieves Constipation in Myelopathy due to Cervical Spinal Stenosis: Case Report 261
P. M. Hellström, A. Aly and C. Johansson

Wrestling Causing Paraplegia 265
B. Açikgoz, T. Özgen, A. Erbengi, S. Peker, V. Bertan and S. Sağlam

The Use of a Calcium Alginate Dressing in the Management of Decubitus Ulcers in Patients with Spinal Cord Lesions 269
A. Chapuis and P. Dollfus

The Right to Die of a High Quadriplegic in a Developing Country: Case Report 272
A. Kovindha

Retiral Notice 274

Book Reviews 275

Meetings and Notices 277

Review Article
Halo Versus Minerva—Which Orthosis? 281
R. G. Pringle

Sexual Ability, Activity, Attitudes and Satisfaction as Part of Adjustment in Spinal Cord–Injured Subjects 285
A. Siosteen, C. Lundqvist, C. Blomstrand, L. Sullivan and M. Sullivan

Post-traumatic Syringomyelia, an Update 296
B. Williams

The Team Approach to Urinary Bladder Management in Spinal Cord Injury Patients: a 26-year Retrospective look at the Highland View Hospital Urinary Catheter Care Team 314
R. Lindan, E. Leffler and A. A. Freehafer

China's First Total Care Unit for the Spinal Cord Injured 318
D. Wang, X. Wu, G. Shi and Y. Wang

Spinal Cord Injury Care System: Fifteen-year Experience at the Rehabilitation Institute of Chicago 321
G. M. Yarkony, E. J. Roth, P. R. Meyer, L. Lovell, A. W. Heinemann and H. B. Betts

Surgical Rehabilitation of the Upper Limb in Tetraplegia 330
E. Moberg

Injuries to Elite Wheelchair Athletes 335
M. S. Ferrara and R. W. Davis

Letter to the Editor 342

Book Reviews 344

Meetings and Notices 347

Review Article
Intravesical Electrical Stimulation for the Rehabilitation of the Neuropathic Bladder 349
H. Madersbacher

Reciprocal Aided Gait in Paraplegia 353
W. J. Crosbie and A. C. Nicol

Changes in Ambulation Parameters in Spinal Cord Injury Individuals Following Rehabilitation 364
J. S. Yakura, R. L. Waters and R. H. Adkins

The Spinal Cord Injuries Center Hamburg 371
F. W. Meinecke

Differences Between Rehabilitation Disciplines in Views of Depression in Spinal Cord Injury Patients 380
M. Dijkers and L. A. Cushman

Obstructive Disordered Breathing During Sleep in Patients with Spinal Cord Injury 392
H. W. Bonekat, G. Andersen and J. Squires

Neural Stimulation for Spinal Spasticity 399
T. S. Kanaka and M. Mohan Sampath Kumar

Case Report: Hip Joint Instability in an Infant with Paraplegia Following Aortic Surgery 406
N. Suzuki, M. Ando and E. Gotoh

Book Reviews 410

Meetings and Notices 411

The Paraplegia Prize 413

Initial Factors Predicting Functional Performance in Patients with Traumatic Tetraplegia 414
P. Daverat, J. F. Dartigues, J. M. Mazaux and M. Barat

The Effect of Intrathecal Baclofen on the Lower Urinary Tract in Paraplegia 420
A. Talalla, D. Grundy and R. Macdonell

Physical Endurance Capacity, Functional Status and Medical Complications in Spinal Cord Injured Subjects with Long-standing Lesions 428
N. Hjeltnes and T. Jansen

Muscle Release in the Management of Spasticity in Spinal Cord Injury 433
I. Eltorai and R. Montroy

Serum Alkaline Phosphatase and Inorganic Phosphorus Values in Spinal Cord Injury Patients with Heterotopic Ossification 441
S. W. Kim, R. A. Charter, C. J. Chai, S. K. Kim and E. S. Kim

Body Composition and Resting Energy Expenditure in Long Term Spinal Cord Injury 448
D. A. Sedlock, S. J. Laventure and C. L. Melby

Paraplegia from Schistosomiasis 455
K. Bloom and M. M. Freed

Chronic Pain After Spinal Cord Injury: An Expedient Diagnostic Approach 460
J. H. Frisbie and E. J. Aguilera

Book Reviews 466

Meetings and Notices 467

Long-term follow-up of Patients with Sacral Anterior Root Stimulator Implants 469
G. S. Brindley and D. N. Rushton

The Quality of Life of Three Functional Spinal Cord Injury Subgroups in a Swedish Community 476
A. Siosteen, C. Lundqvist, C. Blomstrand, L. Sullivan and M. Sullivan

The Portrayal of Paralysis in some Masterpieces by European Painters 489
K. Ohry-Kossov and A. Ohry

Citrate Excretion in Spinal Cord Patients 496
R. G. Burr and I. Nuseibeh

Estimating the User Population of a Simple Electrical Stimulation System for Standing 505
R. J. Jaeger, G. M. Yarkony, E. J. Roth and L. Lovell

Exercise Capacity of Untrained Spinal Cord Injured Individuals and the Relationship of Peak Oxygen Uptake to Level of Injury 512
L. N. Burkett, J. Chisum, W. Stone and B. Fernhall

Transverse Myelitis Associated with Mycoplasma Pneumoniae: Case Report 522
L. Heller, O. Keren, L. Mendelson and G. Davidoff

Neurological Improvement Following Respiratory Support in Syringomyelia: Case Report 526
G. M. Seliger, H. Zackson, L. Nichols, E. Gold and M. Nishimoto

Book Reviews 529

Meetings and Notices 530

Editorial 533
Editorial—A Chronicle of Progress 535
D. F. Apple

New Estimates of Traumatic SCI Prevalence: A Survey-based Approach 537
C. Harvey, B. B. Rothschild, A. J. Asmann and T. Stripling

Benefits of Early Admission to an Organised Spinal Cord Injury Care System 545
M. J. DeVivo, P. L. Kartus, S. L. Stover and P. R. Fine

Urological Outcome in Female Patients with Spinal Cord Injury: The Effectiveness of Intermittent Catheterisation 556
A. G. Timoney and P. J. R. Shaw

Anterior Plating of Unstable Cervical Spine Fractures 564
D. C. Mann, B. W. Bruner, J. S. Keene and A. B. Levin

Use of Plasmid Analysis to Determine the Source of Bacterial Invasion of the Urinary Tract 573
W. H. Donovan, R. Hull, D. X. Cifu, H. D. Brown and N. J. Smith

Book Reviews 583

Meetings and Notices 586

Referees Page 588

Index 591